

GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

TBP HLC System-Estimate for the work providing Cement Concrete Lining in place of Old damaged RR Masonary Lining including Construction of CM & CD works on Mid Pennar North Canal - Estimate submitted - Administrative Approval - Accorded – Orders – Issued.

IRRIGATION & C.A.D.(PW:M&MI –R.II) DEPARTMENT

G.O.Ms.No. 90

Dated:03-09-2013.
Read the following:-

1. From the CE(P) Anantapur Lr.No.CE(P)/ ATP/ HLC/208M, dt. 02-05-2012.
2. Govt. Memo.No. 11369/ M&MI(R-II)/A2/2013,Dt:08-06-2012.
3. From the CE(P) Anantapur Lr.No.CE(P)/ ATP/ H41/228M, dt. 01-04-2013
4. Govt. Memo.No.11369/M&MI(R-II)/A2/2013,Dt:25-06-2013 &03-07-2013
5. From the CE(P) Anantapur Lr.No.CE(P)/ ATP/ HLC/H11/416M, dt.10-07-2013
6. From the CE(P) Anantapur Lr.No.CE(P)/ ATP/ 487M, dt. 13-08-2013.

--::--

ORDER:

The Chief Engineer (P) Anantapur in his letters 1st, 3rd, 5th and 6th read above has reported the following. The Mid Pennar North Canal (MPNC) takes off from Mid Pennar Reservoir (MPR) across River Pennar near Penakacherla (V) Ananthapur District and runs for a length of 58.73 Kms to irrigate an ayacut of 13,174 Acres and empties into Lakshmipalli Vanka. The water is being released during Khariff season to irrigate the contemplated ayacut. The original carrying capacity of MPNC is 160 Cusecs. In order to provide irrigation facilities to an extent of 50,000 acres O.D. in Rabi season by utilizing 5 T.M.Cft of water proposed to be stored at P.A.B.R. Dam, it has been Proposed to improve the carrying capacity of MPNC to 500 Cusecs by widening and lining to supply water to the ayacut proposed to be developed after the tail end of MPNC. The widening and lining of MP North canal was partially completed during 1986-87 to 1995-96. The excavation of Yadiki Canal was also taken up and was partially completed.

2. Further, the Chief Engineer (P), Anantapur has reported that the Government have accorded Administrative Approval for Rs 536.000 Crores vide G.O. Rt. No.45, dated:19-1-2005 of I&CAD (Major Irri V2) department to take up construction of Chagallu Barrage, construction of Pendejkallu Balancing Reservoir, balance work of MPNC, construction of Kristipadu Regulator and its Canals and the balance work of Yadiki canal under PABR Stage-II under Jalayagnam Prioritized Projects. The balance work of widening and lining of MPNC and improvements to Lakshmipalli vanka was taken up under Package No.41 in which a length of 38.21 Km of MP North canal was proposed and the remaining 20.52 Kms. Which was executed previously 20 years ago with R.R. masonry was not included in the ongoing package No.41 works. In the non included portion of MPNC, the stones in the slopes were slipped and in most of the places stones have been removed and taken away by the near by villagers and also the canal bed is in very bad condition. The bed lining is eroded and in most of the places there is no bed lining. To carry the designed discharge of 500 cusecs, to irrigate additional ayacut, the canal has to be brought to the designed lined section standards now being adopted in package No.41.

3. Further, the Chief Engineer (P) has stated that the Engineer-in-Chief(I) Hyderabad in the inspection notes dt. 7.9.2007 has instructed to work out the cost involved in replacing the old masonry lining with concrete paver lining to the standards and submit the proposals, as it was observed that most of the masonry lining is disturbed, stones protruded out and plastering peeled off at many places. The Chief Engineer(P) Anantapur has also reported that the provisions in respect of 5 Nos of SLB's made in the earlier estimate were deleted and resubmitted the estimate for Rs.20.16 crores.

P.T.O.

4. In the circumstances explained by the Chief Engineer(P), Ananthapur and after careful examination of the matter, Government hereby accord administrative approval for Rs.2006.50 Lakhs (Rupees Twenty crores six lakhs and fifty thousand only) for the work "TBP HLC System - providing Cement Concrete Lining in place of Old damaged RR Masonary Lining including Construction of CM & CD works on Mid Pennar North Canal" as per details annexed to this order.

5. The expenditure is debitable to the Head of Account "DA 4701 COL on Major and Medium Irrigation – (01) –Major Irrigation Commercial – M.H 104 TBP HLC stage II - GH 11 Normal state plan - SH (27) Canals and Distributories, 530 Major works/531 other expenditure".

6. The Chief Engineer (P) Anantapur shall take necessary action, accordingly.

7. This order issues with the concurrence of Finance (W&P) Department vide their U.O.No.2703/F5(A1)/13, dated:19-08-2013.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

B. ARAVINDA REDDY
PRINCIPAL SECRETARY TO GOVERNMENT

To
The Chief Engineer(P), Irrigation, Anantapur.
Copy to:
The Accountant General, A.P., Hyderabad.
The Director of Works & Accounts, Hyderabad.
The Finance(W&P) Department.
The OSD to Minister(M&MI).
The PS to Principal Secretary (AR).
SF / SC .

//FORWARDED::BY:ORDER//

SECTION OFFICER

ANNEXURE TO
G.O.Ms.No. 90 I&CAD (PW:M&MI (R-II)) Department, Dated : 03-09-2013.
ABSTRACT

Sl. No	Qty	Description of Item	Rate (Rs.)	per	Amount (Rs)
1	52467.00	Excavation in all kinds of soil including boulders upto 0.3 m diameter for canal , seating of embankment , filter drains / catch water drains etc., including dressing bed and sides to required level and profile, cost of all materials , machinery, labour , placing the excavated soil neatly in dump area or for the formation of service road / embankment as directed etc., complete with initial lead upto 1 km and all lifts.	83.70	1cum	4391488.00
2	31101.00	Providing cohesive non-swelling (CNS) soil lining to canals using soil from approved borrow area including spreading soil in layers of thickness not more than 15cm , breaking clods , watering , compacting to density control not less than 98 percent or as stipulated , dressing required profile etc., complete with initial lead upto 1km and all lifts.	376.00	1cum	11693976.00
3	339565	Providing and laying 100 mm thick insitu vibrated M-10 (28days cube compressive strength-not less than 10.00 N/sqmm) grade cement concrete using 40mm down size approved , clean , hard , graded aggregates for bed and side lining of canal lining using vibrating cylinder type mechanical paver including cost of all materials machinery labour batching mixing placing in position forming contraction joints fixing pvc joint selling strips shifting of paver from one side of canal to other side etc., complete with 1 km lead & all lifts.	504.00	1sqm	171140760.00
4.	7350.00	Laying and fixing of 100mm Dia 300 mm long precast porous CC plugs in sides using 1.181 kgs of cement per each using 20mm HG metal and placing in local filters of size 600x600x750 mm in size including Excavation of drains and cost of producing of all materials including 50m lead and for all lifts.	460.60	1 No	3385400.00
5	20.00	Dismantling, shifting and re-erecting mechanical concrete paver and DG set with all accessories across canal CD work or other locations wherever shifting and re-erecting is necessary including aligning paver correctly for continuing canal lining work , cost of all materials, machinery, labour etc., complete with all leads and lifts.	7396.20	1 Shiting	147924.00
					190759548.00
6	9,976	Deduct for Dislocated/stripped masonry lining for reuse	166.70	1 cum	1662999.00
					189096549.00
		VAT @ 5%			9454827.00
		Labour @ 1%			1890965.00
		Tender publication			196000
		Photographic and video charges			11659
		Total			20,06,50,000 Or Rs.2006.50 lakhs

(Rupees Twenty crores six lakhs fifty thousand only)